

## FINE1700LB BSWF IP Channel FunctionV1.0

Specific	STND	16BT	EXTN	Value	Function
Strobe	1	1	1	000~005	Closed
				006~010	Open
				011~105	Strobe at linearly variable frequency from slow to fast(0~20Hz)
				106~110	Open
				111~179	Thunder Strobe from slow to fast
				180~185	Open
				186~253	Random Strobe
				254~255	Open
Dimmer	2	2	2	000~255	0%->100%
Dimmer Fine	3	3	3	000~255	0%->100%
Pan	4	4	4	000~255	Movement positioning from 0° to 540°
Pan Fine	5	5	5		
Tilt	6	6	6	000~255	Movement positioning from 0° to 252°
Tilt Fine	7	7	7		
Gobo1	8	8	8	000~009	Open
				010~019	Gobo1
				020~029	Gobo2
				030~039	Gobo3
				040~049	Gobo4
				050~059	Gobo5
				060~071	Gobo6
				072~094	Gobo1 shake from slow to fast (0.4Hz~6.6Hz)
				095~117	Gobo2 shake from slow to fast (0.4Hz~6.6Hz)
				118~140	Gobo3 shake from slow to fast (0.4Hz~6.6Hz)
				141~163	Gobo4 shake from slow to fast (0.4Hz~6.6Hz)
				164~186	Gobo5 shake from slow to fast (0.4Hz~6.6Hz)

				187~209	Gobo6 shake from slow to fast (0.4Hz~6.6Hz)	
				210~231	Continuous gobo wheel clockwise rotation from fast to slow(15.6rpm~10rph)	
				232~233	Stop	
				234~255	Continuous gobo wheel counter-clockwise rotation from slow to fast(10rph~15.6rpm)	
<b>Gobo1 Rot</b>	<b>9</b>	<b>9</b>	<b>9</b>	000~127	0°~360°	
				128~190	Continuous gobo wheel clockwise rotation from fast to slow (145rpm~8.7rpm)	
				191~192	Stop	
				193~255	Continuous gobo wheel counter-clockwise rotation from slow to fast (8.7rph~145rpm)	
<b>Gobo1 Rot Fine</b>	<b>-</b>	<b>10</b>	<b>10</b>			
<b>Gobo2</b>	<b>10</b>	<b>11</b>	<b>11</b>	000~009	Open	
				010~019	Gobo1	
				020~029	Gobo2	
				030~039	Gobo3	
				040~049	Gobo4	
				050~059	Gobo5	
				060~071	Gobo6	
				072~094	Gobo1 shake from slow to fast (0.4Hz~6.6Hz)	
				095~117	Gobo2 shake from slow to fast (0.4Hz~6.6Hz)	
				118~140	Gobo3 shake from slow to fast (0.4Hz~6.6Hz)	
				141~163	Gobo4 shake from slow to fast (0.4Hz~6.6Hz)	
				164~186	Gobo5 shake from slow to fast (0.4Hz~6.6Hz)	
				187~209	Gobo6 shake from slow to fast (0.4Hz~6.6Hz)	
				210~231	Continuous gobo wheel clockwise rotation from fast to slow(15.6rpm~10rph)	
				232~233	Stop	
				234~255	Continuous gobo wheel counter-clockwise rotation from slow to fast(10rph~15.6rpm)	
<b>Gobo2 Rot</b>	<b>11</b>	<b>12</b>	<b>12</b>	000~127	0°~360°	
				128~190	Continuous gobo wheel clockwise rotation from fast to slow (145rpm~8.7rpm)	
				191~192	Stop	
				193~255	Continuous gobo wheel counter-clockwise rotation from slow to fast (8.7rph~145rpm)	

<b>Gobo2 Rot Fine</b>	-	<b>13</b>	<b>13</b>		
<b>Anime</b>	<b>12</b>	<b>14</b>	<b>14</b>	000~002	None
				003~126	Continuous gobo wheel clockwise rotation from fast to slow (75rpm~2.8rph)
				127~129	Stop
				130~252	Continuous gobo wheel counter-clockwise rotation from slow to fast (2.8rph~75rpm)
				253~255	Stop
<b>Cyan</b>	<b>13</b>	<b>15</b>	<b>15</b>	000~255	0%->100% Linear Cyan movement
<b>Magenta</b>	<b>14</b>	<b>16</b>	<b>16</b>	000~255	0%->100% Linear Magenta movement
<b>Yellow</b>	<b>15</b>	<b>17</b>	<b>17</b>	000~255	0%->100% Linear Yellow movement
<b>CTO</b>	<b>16</b>	<b>18</b>	<b>18</b>	000~255	0%->100%
<b>Color</b>	<b>17</b>	<b>19</b>	<b>19</b>		Linear Movement
				000~119	From Open to (6th Color+Open) Linearity Movement
				18	Color1 (Red)
				35	Color2 (Green)
				54	Color3 (Blue)
				70	Color4 (Orange)
				86	Color5 (Pink)
				104	Color6 (Deep Green)
				120~120	Open
					Full Color
				121~126	Color1 (Red)
				127~132	Color2 (Green)
				133~138	Color3 (Blue)
				139~144	Color4 (Orange)
				145~150	Color5 (Pink)
				151~156	Color6 (Deep Green)
				157~160	Open
	Continuous Rotation				

				161~200	Continuous color wheel clockwise rotation from fast to slow (46.7rpm->3.67rpm)
				201~203	Stop
				204~243	Continuous color wheel counter-clockwise rotation from slow to fast 3.67rpm->46.7rpm)
					random full color
				244~247	Fast
				248~251	Medium
				252~255	Slow
<b>Prism</b>	<b>18</b>	<b>20</b>	<b>20</b>	000~010	Open
				011~138	Prism1 Inserted
				139~255	Reserved
<b>Prism Rot</b>	<b>19</b>	<b>21</b>	<b>21</b>	000~127	0°~360°
				128~190	Continuous gobo wheel clockwise rotation from fast to slow (78rpm~2.32rph)
				191~192	Stop
				193~255	Continuous gobo wheel counter-clockwise rotation from slow to fast (2.32rph~78rpm)
<b>Focus</b>	<b>20</b>	<b>22</b>	<b>22</b>	000~255	Infinity -> Near
<b>Focus Fine</b>	-	<b>23</b>	<b>23</b>		
<b>Zoom</b>	<b>21</b>	<b>24</b>	<b>24</b>	000~255	Narrow beam -> Wide beam
<b>Zoom Fine</b>	-	<b>25</b>	<b>25</b>		
<b>AutoFocus Distance</b>	-	<b>26</b>	<b>26</b>	000~005	Reserved
				006~031	Reserved
				032~057	Reserved
				058~083	Reserved
				084~109	Reserved
				110~255	Reserved
<b>AutoFocus Adjustment</b>	-	<b>27</b>	<b>27</b>	000~127	Reserved
				128~128	Reserved
				129~255	Reserved
<b>Frost1</b>	<b>22</b>	<b>28</b>	<b>28</b>	000~127	Open
				128~255	Light Frost

Frost2	23	29	29	000~255	open 0~100% Linear Movement
Iris	24	30	30	000~131	Open->Closed
				132~151	Iris pulsation from slow to fast speed (0.1~5Hz)
				152~171	Iris pulsation from slow to fast speed with fast closing (0.1~5Hz)
				172~191	Iris pulsation from slow to fast speed with fast opening (0.1~5Hz)
				192~255	Reserved
Frame1 Position	25	31	31	000~255	Out -> In
Frame1 Angle	26	32	32	000~255	Angle- --> Parallel --> Angle+
Frame2 Position	27	33	33	000~255	Out -> In
Frame2 Angle	28	34	34	000~255	Angle- --> Parallel --> Angle+
Frame3 Position	29	35	35	000~255	Out -> In
Frame3 Angle	30	36	36	000~255	Angle- --> Parallel --> Angle+
Frame4 Position	31	37	37	000~255	Out -> In
Frame4 Angle	32	38	38	000~255	Angle- --> Parallel --> Angle+
Frame Rotation	33	39	39	000~255	From 0° -> 180° rotation
Frame Macro	-	40	40	000~009	None
				010~019	Square
				020~029	Rectangle
				030~039	Triangle
				040~049	Rhombus
				050~059	Trapezium
				060~255	Reserved
CRI/R9	-	41	41	000~255	Reserved
				000~009	None
				010~014	Entire Fixture Reset, staying in this range for 5 seconds.
				015~029	Effects Reset, staying in this range for 5 seconds.
				030~034	Pan/Tilt Reset, staying in this range for 5 seconds.
				035~049	Reserved

<b>Fixture Control</b>	<b>34</b>	<b>42</b>	<b>42</b>	050~054	Led Module Out Frequency 1.2KHz --3s
				055~059	Led Module Out Frequency 2.4KHz --3s
				060~064	Led Module Out Frequency 12KHz --3s
				065~069	Led Module Out Frequency 24KHz --3s
				070~074	S-curve Dimmer curve --3s
				075~079	Square Law Dimming curve --3s
				080~084	Inverse Square Law Dimming curve --3s
				085~089	Linear Dimming Curve --3s
				090~124	Reserved
				125~129	High light Mode (LED Out Power) --3s
				130~134	Standard Mode (LED Out Power-- default setting) --3s
				135~139	Theater Mode (LED Out Power) --3s
				140~144	CMY Liner (-- default setting) --3s
				145~149	CMY parabola --3s
				150~159	Reserved
				160~169	Reserved
				170~179	Fast dimmer
				180~189	Slow dimmer
190~255	Reserved				
<b>Pan-tilt Time</b>	-		<b>43</b>	000~254	Slope Time from Fast to Slow
				255~255	Follow Cue Data
<b>Color Time</b>	-		<b>44</b>	000~254	Slope Time from Fast to Slow
				255~255	Follow Cue Data
<b>Beam Time</b>	-		<b>45</b>	000~254	Slope Time from Fast to Slow
				255~255	Follow Cue Data
<b>Gobo Time</b>	-		<b>46</b>	000~254	Slope Time from Fast to Slow
				255~255	Follow Cue Data